

ABSTRACT OF THE DISCLOSURE

A clutch device for use with a vehicle suspension system to vary the stiffness of a stabilizer bar. A plurality of dampers connected to the clutch body alternate with a plurality of dampers connected to the stabilizer bar. The dampers are coated with a friction material and surrounded by a fluid. When a load is applied on the walls of clutch body, the friction material comes into contact, dampening the rotation action of the stabilizer bar. A sensor senses the parameters of the ride and generates a signal based on these parameters. The signal activates a power source controller which applies the load to the walls.

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